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(54) DATA STRUCTURE FOR INCREMENTAL SEARCH

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(57)ABSTRACT

A system for searching an object environment includes harvesting and indexing applications to create a search database and one or more indexes into the database. A scoring application determines the relevance of the objects, and a querying application locates objects in the database according to a search term. One or more of the indexes may be implemented by a hash table or other suitable data structure, where algorithms provide for adding objects to the indexes and searching for objects in the indexes. A ranking scheme sorts searchable items according to an estimate of the frequency that the items will be used in the future. Multiple indexes enable a combined prefix title and full-text content search of the database, accessible from a single search interface.

